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Dated: January 12, 2005

Signature: Marla L. Hudson  
(Marla L. Hudson)

Docket No.: 30205/39428  
(PATENT)

FFW

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Yun Y. Choi

Application No.: 10/603,383

Confirmation No.: 2766

Filed: June 25, 2003

Art Unit: 2817

For: PLL HAVING A CONTROLLER FOR  
DIVIDING VALUES OF A VCO

Examiner: Joseph Chang

### INFORMATION DISCLOSURE STATEMENT (IDS)

MS Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered, and that the references be made of record therein.

This Information Disclosure Statement is filed after the mailing date of a Final Office Action or Notice of Allowance, whichever occurred first, but on or before payment of the Issue Fee (37 CFR 1.97(d)). Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered.

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

A copy of each reference listed on the PTO/SB/08 is attached.

A summary/abstract translation of the non-English language references and a translation of the Notice of Rejection issued by the Korean Intellectual Property Office are enclosed.

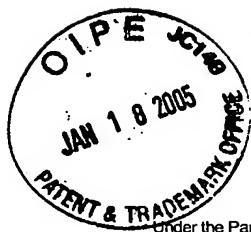
Our check in the amount of \$180.00 covering the fee set forth in 37 CFR §1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed, or which should have been filed herewith to our Deposit Account 13-2855. A duplicate copy of this paper is enclosed.

Dated: January 12, 2005

Respectfully submitted,

By Marla L. Hudson  
Marla L. Hudson

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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	10/603,383-Conf. #2766
				Filing Date	June 25, 2003
				First Named Inventor	Yun Y. Choi
				Art Unit	2817
				Examiner Name	Joseph Chang
Sheet	1	of	1	Attorney Docket Number	30205/39428

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		KR-2002-0028418	04-17-2002	Samsung Electronics Co., Ltd.	
		KR-96-009972	07-25-1996	Samsung Electronics Co., Ltd.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			<sup>2</sup>
		"Notice of Rejection," Issued by Korean Intellectual Property Office, dated October 12, 2004			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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